

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appn. No: 10/676,654  
Applicants: Koji TAKINAMI, et al.  
Filed: October 1, 2003  
Title: VOLTAGE CONTROLLED OSCILLATOR, RADIO COMMUNICATION APPARATUS AND VOLTAGE-CONTROLLED OSCILLATION METHOD FOR REDUCING DEGRADATION OF PHASE NOISE CHARACTERISTIC (AS AMENDED)  
TC/A.U.: 2817  
Examiner: Joseph Chang  
Confirmation No.: 8959  
Docket No.: MTS-3475US

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

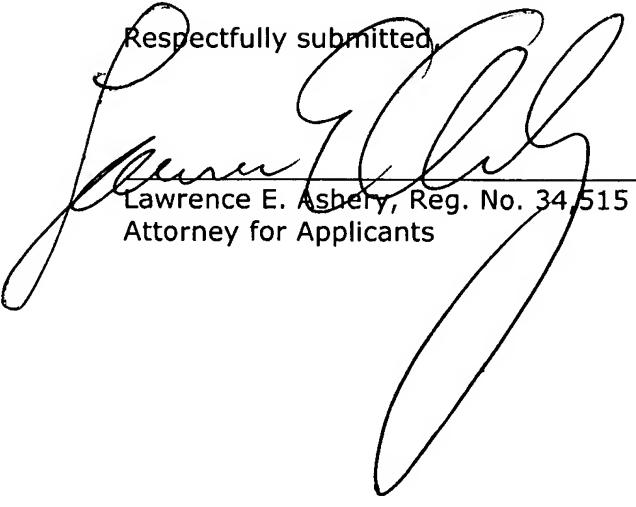
Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO/SB/08a and PTO/SB/08b form submitted herewith. A copy of the references listed on the PTO/SB/08a and PTO/SB/08b form, other than U.S. patents, is enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

This Information Disclosure Statement is being filed concurrently with a Request for Continued Examination under 37 CFR 1.114.

Respectfully submitted,

  
Lawrence E. Ashby, Reg. No. 34,515  
Attorney for Applicants

LEA/ds

Enclosures: PTO/SB/08a and b  
(2) References

Dated: January 3, 2007

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Valley Forge, PA 19482-0980  
(610) 407-0700

The Director is hereby authorized to charge or credit Deposit Account No. 18-0350 for any additional fees, or any underpayment or credit for overpayment in connection therewith.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

January 3, 2007

Deborah Spratt



ds/98016



## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

**(Use as many sheets as necessary)**

SHEET 1 of 2

**Complete if Known**

Application Number	10/676,654
Filing Date	October 1, 2003
First Named Inventor	Koji Takinami et al.
Art Unit	2817
Examiner Name	Joseph Chang
Attorney Docket No.	MTS-3475US

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

**1Applicant's unique citation designation number (optional).**

<sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup>Enter Office that Issued the document, by the two-letter code (WIPO Standard St.3).

\*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

<sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

**(Use as many sheets as necessary)**

SHEET 2 of 2

<i>Complete if Known</i>	
Application Number	10/676,654
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First Named Inventor	Koji Takinami et al.
Art Unit	2817
Examiner Name	Joseph Chang
Attorney Docket No.	MTS-3475US

## NON-PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
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